Use Attainability Analysis

for

WBID 0386 East Fork Fishing River

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

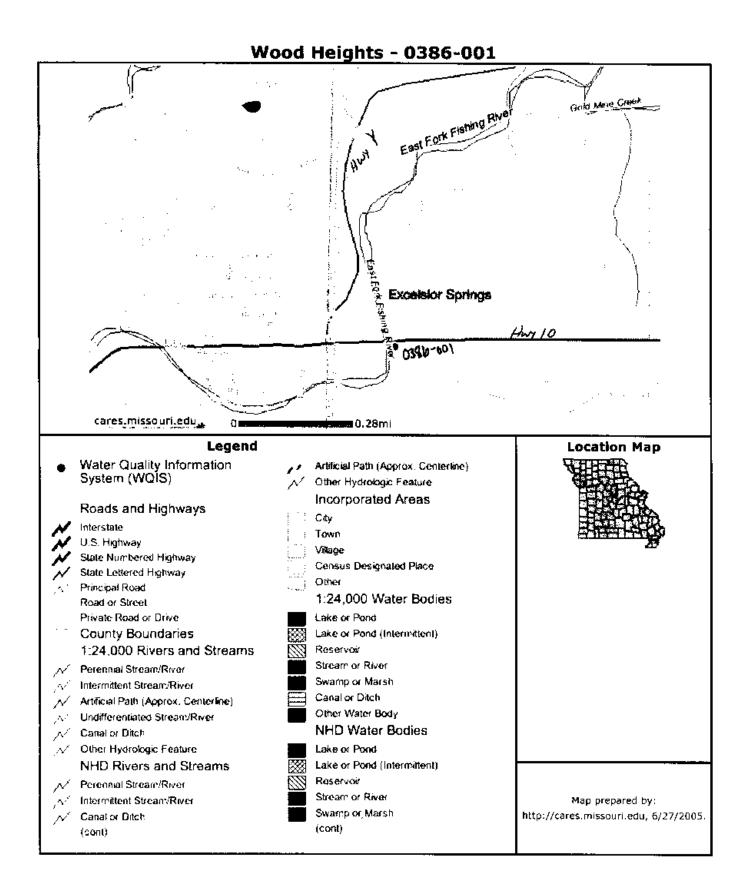
Field Data Sheets for Recreational Use Stream Surveys 2005 JUL - 7 PM 1:58

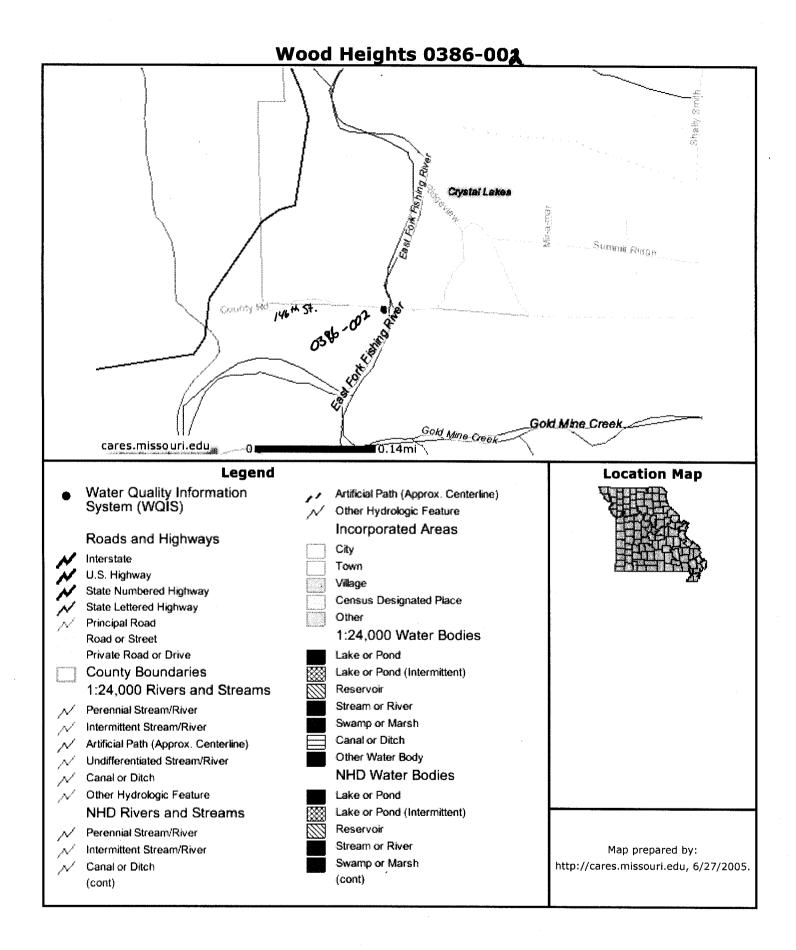
Data Sheet A - Water Body Identification

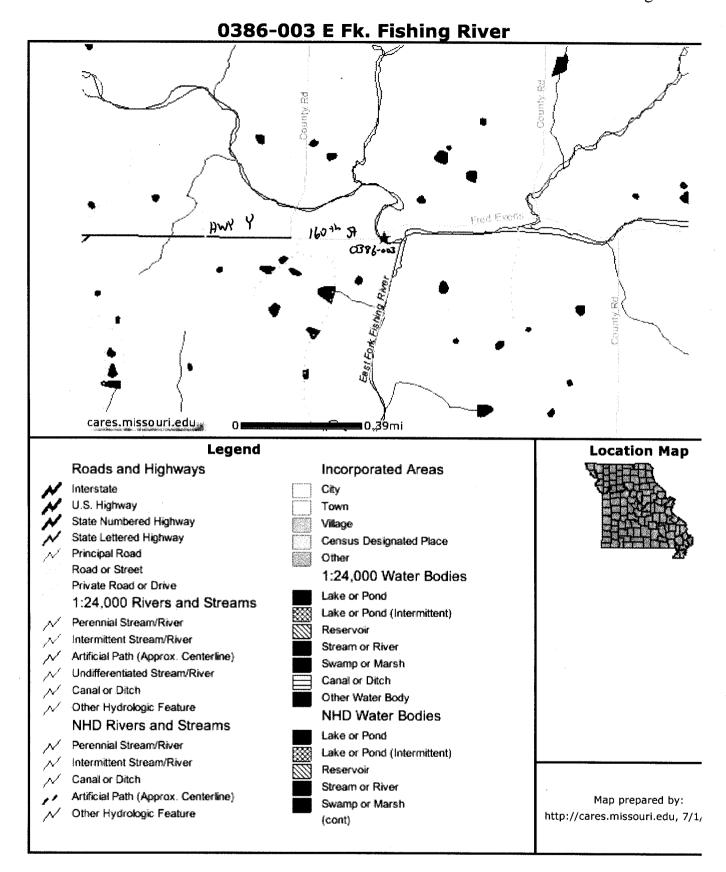
MATER PROTECTION PRODUCTS

8-digit HUC: Missouri WBII	10300101 D#: 0386
	ay
Upstream Lega	
Downstream L	egal Description: Huy 10 Ray Co.
Upstream Coor	dinates: N 39.38176 W 094.17798
Downstream C	oordinates: N 39.34043 W 094. 20958
Discharger Fac	ility Name(s): Wood Heights WINTP / Homesterd Village WWTP
Discharger Per	mit Number(s): MO 0036218 / MO 0056545
Number of Site	
Name of Surve	yor and Telephone Number: Aaron Ble. Saur 816 - 622 - 7018
Organization;	MONR
Position:	Environmental Secret
o undomioned	horsely offers to the best of multiple that the filling must be a discount.
e undersigned Asheet is true a	, hereby affirm to the best of my knowledge, that all information reported on this nd accurate.

I,







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	386-001	Site Location D		A (P -A)1
Site GPS Coordinates:	N.39.34043 V094.7	0958 Hwy 10	Excelsion Springs	Ray Co, MU
Date & Time: 7 -	1-05 12:05/1	Facility Name:	Wood Heights WAT? /	Homestand Village WANTP
Personnel: Aaran	Bleibaum	Pennit Number:	,, ,	MD 0056546
Current Weather Condit		Weather Condit	ions for Past 7 days:	t, Showers premise
Photo Ids: Upstream:	Downstre	am: 3 4 Othe	r:	7 - 7
		 		F- , L
Jses Observed*:	-1			
Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	☐ Wading	Rafting
Hunting	☐ Trapping	Fishing	None of the above	Other:
Describe: (include numb		ng, frequency of use, photo-	-documentation of evidence	of recreational uses, etc.)
Describe: (include numb	rext to comme	ercial ase are	~S.	
Describe: (include numb	ns*: (Mark all that promo	ercial ase are	~S.	
Describe: (include numb	ns*: (Mark all that promo	ote or impede recreational v	uses. Attach photos of eviden	nce or unusual
Describe: (include numb	ns*: (Mark all that promo	ote or impede recreational a	uses. Attach photos of eviden	nce or unusual
Describe: (include numb	ns*: (Mark all that promo	ote or impede recreational u	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
Describe: (include numb	ns*: (Mark all that promo	ote or impede recreational u	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
Describe: (include numb	Playgrounds State parks Fence	ofte or impede recreational of MDC conservation lands National forests Steep slopes	Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Run N Pool N Flow F Downstreau	Width (ft): Width (ft): Width (ft): 35 Present? XY um View Phys Width (ft):	Len Len 'es No	ngth (ft): ngth (ft):		Avg. Depth (Avg. Depth (ft): 	Max. Depth ((ft):
Pool V Flow E Ownstread	Width (ft): 35 Present? X Y	Len 'es No	ngth (ft): /		Avg. Depth (
Flow I	Present? XY	'es No	· ·	10 0 /	<u> </u>	ft):	Max. Depth ((ft);
Downstreat	m View Phys					ft): 2 F+		(ft): 4 <i>FH</i>
				E	Estimated (ft	/sec): 2 £	+3 free	
Riffle \	Width (A):	ical Dimer	nsions:					
	widin (II):	L.en	ngth (ft):		Avg. Depth (ft):	Max. Depth ((ft):
☐ Run \	Width (ft):	Len	ngth (ft):		Avg. Depth (ft):	Max. Depth ((ft):
⊠ Pool \	Width (ft): 35		ngth (ft): /		Avg. Depth (Max. Depth (
	Present? XY			ŀ	Estimated (ft	/sec): Z £	+3/100	, , , , , , , , , , , , , , , , , , ,
ıatic Veget	Cobble 30	ould add up to % Gravel amount of ve	egetation or	% Sand r algal growt	th at the asses	% Silt	% Mud/Clay	% Be
natic Veget	cobble 30	% Gravel amount of ve	egetation or	algal growti	th at the asses		% Mud/Clay	% Be
natic Veget	cobble 30 etation*: (note:	% Gravel amount of ve	egetation or eget-fio-	algal growt	th at the asses	ssment site)		% Be
natic Veget	cobble 30	% Gravel amount of ve	egetation or	algal growt	th at the asset		Other:	
ter Charac	cteristics*: (M	% Gravel amount of ve Anse ve Mark all that a age	egetation or get-tio- apply.) Musky	algal growt	th at the asset	ssment site) None		

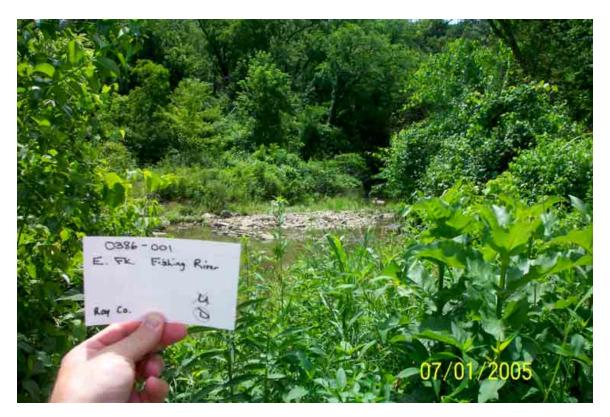


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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	386-002	Site Location D	Description:	
Site GPS Coordinates:	(32.35320 ~	094.19800 146 Th.	St. Crystal Lak	les
Date & Time: 7 1	-05 12:17	Facility Name:	hood Heights west	Honorton & Killane LiveTF
	Bli baum	Permit Number	MO 0036218	MO 0056545
Current Weather Conditi		-4	tions for Past 7 days:	MO 0056515 Shows Yester
Photo Ids: Upstream: <	5-7 Downs	tream: 8-16 Oth)
	- -	<u></u>		
es Observed*:				
Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	Wading	Rafting
☐ Hunting	Trapping	Fishing	None of the above	Other:
Nearby lake	e orea with	ting, frequency of use, photo	- documentation of evidence	of recreational uses, etc.)
Near by lake	e orea with	- residential how	سنامه-documentation of evidence	
Nearby lak	e orea with	- residential how	وشاح	
Wearby lake	e orea with	mote or impede recreational	uses. Attach photos of evide	nce or unusual Campgrounds
Wearby lake	18*: (Mark all that pro	mote or impede recreational MDC conservation lands	uses. Attach photos of evide	nce or unusual Campgrounds
Wear by lake arrounding Condition ms of interest.) City/county parks Boating accesses	State parks Fence	mote or impede recreational MDC conservation lands National forests	uses. Attach photos of evider Urban areas Nature trails	nce or unusual Campgrounds
Near by lake arrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	State parks Fence	mote or impede recreational MDC conservation lands National forests Steep slopes	uses. Attach photos of evider Urban areas Nature trails	nce or unusual
Weerby lake Irrounding Condition Ins of interest.) City/county parks Boating accesses No trespass sign	State parks Fence	mote or impede recreational MDC conservation lands National forests Steep slopes	uses. Attach photos of evides Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

ream Morpholog Upstream View	Physical Din	mensions:		- 0/
Riffle Width			Avg. Depth (ft): /.514	
Run Width	(ft): 24	Length (ft): 50	Avg. Depth (ft): 2C+	Max. Depth (ft): 3F+
Pool Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow Presen	t? XYes [□ No	Estimated (ft ³ /sec): 54	+3/sec
Downstream Vi	ew Physical l	Dimensions:		
Riffle Width	(ft): ブリ	Length (ft): 75	Avg. Depth (ft): 1.54	Max. Depth (ft): 2.564
Run Width	(ft): 20	Length (ft): 75	Avg. Depth (ft): 2084	Max. Depth (ft): 2.5 /4
Pool Width	(ft);	Length (ft):	Avg. Depth (ft);	Max. Depth (ft):
Flow Presen	t? XYes [□ No	Estimated (ft³/sec): 5 6/	3/200
bstrate*: (These #0 % Cobble quatic Vegetation No class 3	90 %	Gravel 20 %	growth at the assessment site)	% Mud/Clay
40 % Cobbl	e 40 % 1*: (note amoun	mt of vegetation or algal		% Mud/Clay % Bedrock
40 % Cobble quatic Vegetation No class 3	e 40 % 1*: (note amount ov** , 6 tics*: (Mark a	mt of vegetation or algal	growth at the assessment site) Chemical None	% Mud/Clay
uatic Vegetation No colore Ater Characteris Odor: Color:	*: (note amount out / / / / / / / / / / / / / / / / / / /	mt of vegetation or algal stress regetation. Ill that apply.) Musky Green	growth at the assessment site) Chemical None Gray Milky	Other:
uatic Vegetation No class 30 ater Characteris Odor:	e 40 % 1*: (note amount ov** , 6 tics*: (Mark a	mt of vegetation or algal strate regetation	growth at the assessment site) Chemical None	Other:
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Omments: Please his information is no	tics*: (Mark a Sewage Oil oil attach addition to be used sole unding of water on usc analysis to	mt of vegetation or algal and of vegetation or algal and a regetation. If that apply.) Musky Green Solids Solids Include the solution of a recree conditions. Consequently but may point to condition.	Chemical None Gray Milky Fine sediments None Foam None ational use designation but rather y, this information is not intendents that need further analysis or the	Other: Other: Other: Other: Other: rviews) to this form.



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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	7 67	l civ. i vi To		
Missouri WBID #:	1386-003	Site Location De		A P
Site GPS Coordinates:	139.38174 WO9"	1.1749 hwy	1 160'- 37	Kay Lo.
Date & Time: 7.	05 17:42 PM	Facility Name:	head Hights WINTE /	Kny Co. Honested Village with no 0056545 Recent shavers
Personnel: A aran	Blisaum	Permit Number:	MA 2030218 /1	no 0054545
Current Weather Conditi	ons: DG 85°F	Weather Conditi	ons for Past 7 days: Hot	Recent shovers
Photo Ids: Upstream:	-13 Downstre			
The Ol 14	,	•		
Uses Observed*:	1			· · · · · · · · · · · · · · · · · · ·
Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
Hunting	☐ Trapping	Fishing	None of the above	Other:
Surrounding Condition	s*: (Mark all that prome	te or impede recreational u		
items of interest.)		-	ises. Attach photos of evider	nce or unusual
	-		ises. Attach photos of evider	nce or unusual
City/county parks	☐ Playgrounds ☐ N	MDC conservation lands	Urban areas	nce or unusual Campgrounds
☐ City/county parks ☐ Boating accesses	 	·		T
	State parks	MDC conservation lands	Urban areas	☐ Campgrounds ☐ Stairs/walkway
☐ Boating accesses	State parks 1	MDC conservation lands National forests	Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway
☐ Boating accesses ☐ No trespass sign	State parks 1	MDC conservation lands National forests	Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway
☐ Boating accesses ☐ No trespass sign Evidence of Human Us	State parks 15 Fence 50 e*:	MDC conservation lands National forests Steep slopes	☐ Urban areas ☐ Nature trails ☑ Other: \Local 5 +	☐ Campgrounds ☐ Stairs/walkway pus ture

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

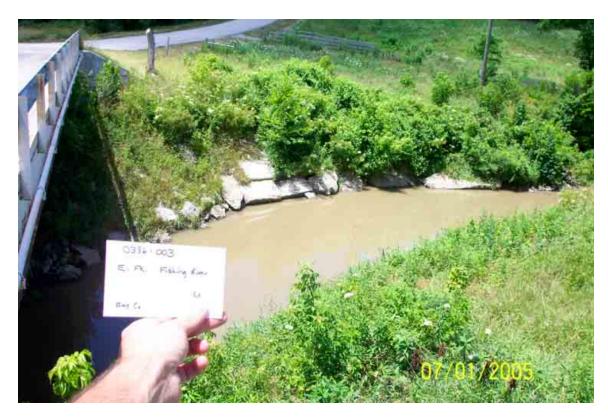
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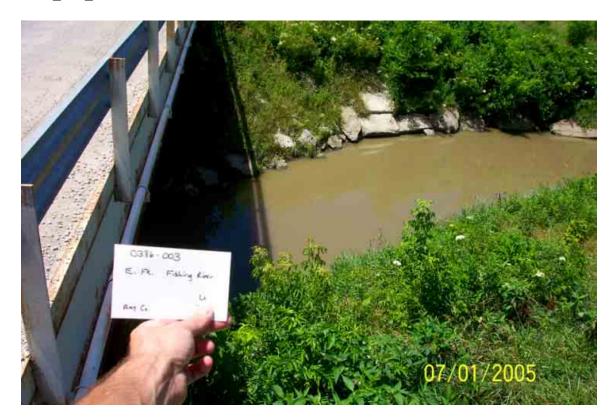
Page Two - WBID # 25 Data Sheet B - Site Characterization

Stream Morpho Upstream Vie	ology: ew Physical Dim	ensions:				
	dth (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft)	 :
Run Wi	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max, Depth (ft)	
Pool Wi	dth (ft): 30	Length (ft): 75	Avg. Depth			
] No	Estimated (fi		3/300	· 3.2π
Danmatusana	Mary Dharata I D	·				
745	View Physical D		4 . 75 . 4	(A)		*
	dth (ft):	Length (ft):	Avg. Depth (Max. Depth (ft)	:
	dth (ft);	Length (ft):	Avg. Depth (• •	Max. Depth (ft)	:
P∞l Wi	đth (ft): 40	Length (ft): 200	★ Avg. Depth ((ft): 2. 5(4	Max. Depth (ft)	: 3.5F+
Flow Pre	sent? XYes	□ No	Estimated (fi	3/sec): /6/3	Isex	•
Aquatic Vegetar		Gravel Gr	6 Sand	% Silt 9 c	9 % Mud/Clay	% Bedrock
Water Characte						
Odor:	Scwage	Musky	Chemical	None	Other:	
Color:	Clear	Green	Gray	Milky	Other: Mu	<i>214</i>
Bottom Deposit			Fine sediments	None	Other:	
Surface Deposi	t: 🔲 Qíl	Seum	Foam	None	Other:	
*This information is comprehensive under	not to be used solely	nal comments (inc y for removal of a rec onditions. Conseque at may point to condi	reational use design	ation but rather	is to provide a more to directly influence	e a
datasheet is true	e and accurate.	m to the best of n			-	
Signea:	736	- Aurilian -	Date;	4/1/00		
Organization:	MONR		Position	n: <u>Envin</u>	newt-1 Jan	and I



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